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June 23, 1966

Tennis Tournament Registration Open, Play Begins July 11

The 1966 BNL Tennis Tournament is scheduled to get under way in early July. Entries are being accepted for Men's and Ladies' Singles, Men's Doubles and Mixed Doubles.

Simple elimination (one loss and out) will be held in each event, provided there are enough entries. Parcipants will play one match each

ek, with the clate, time and courts to be mutually agreed upon by the opponents.

Tournament play will begin the week of July 11.

The deadline for entries is July 7. A fee of fifty cents per person for each event entered must accompany the registration.

Register at the Recreation Office in the Gym.

DALU Election Set for June 30.

Directly Affiliated Local Union No. 24426 will hold an election for the office of president on Thursday, June 30, at the Knights of Columbus Hall, Railroad Avenue, Patchogue.

The polls will be open from 1 p.m. to 8 p.m. The candidates are: Charles Geonie, George Spatzier, Jim Ryan, Joseph O'Reilly, and Edward Hansen.

If a run-off election is necessary, it will be held the following Wednesday, July 6

Visiting the Lab _ 930 -66



200 BeV BRIEFING - Commissioner James T. Ramey of the AEC (left) chats with T. Keith Glennan, AUI President during the Commissioner's visit. The Commissioner heard BNL and utilities representatives argue the Lab's case for the proposed 200 BeV accelerator.

Photo by Bob Walton

Brookhaven Lecture Series

Wednesday, June 29 at 8 p.m. Lecture Hall

Some Mechanisms Of Meson Creation

Dr. E.O. Salant, Physics Department will present No. 58 in the Brookhaven Lecture Series. Following the basic premise of the Series, Dr. Salant will direct his talk to the scientist who is not a specialist in particle physics; he will begin by defining terms and establishing common reference points.

The lecture will center around the pion, and the essential elements of pion production. Key topics will include bombardment, types of collision, distribution of energy during collisions, and the statistical mechanics.

A buffet supper (\$3.25) will be served at the Brookhaven Center before the lecture beginning at 6 p.m. Reservations should be made at least one day in advance by calling Ext. 2453.

Chernick, Corngold Honored At ANS Meeting in Denver

Nuclear scientists and engineers from across the country – and from many foreign countries – are in Denver this week to attend the Twelfth Annual Meeting of the American Nuclear Society.

The approximately 1200 attendees are meeting in 54 sessions to hear more than 350 technical papers describing the latest evidence of nuclear research and nuclear engineering applications.

The American Nuclear Society is a non-profit scientific and educational organization founded in 1954. Its 7000 members include research scientists and engineers, corporation executives, university professors, students, and physicians.

BNL is represented by the 10 papers given by staff members; and Dr. Noel Corngold and Mr. Jack Chernick who were given ANS awards

Dr. Corngold, a physicist, who heads the Theoretical Reactor Physics Group of the Nuclear Engineering Department, was doubly honored by the Society. He was awarded a

Certificate of Merit for his outstanding contributions to the field of reactor physics; and he was raised to the grade of "Fellow of the American

Nuclear Society."

Dr. Corngold is cited in the Certificate "for his contributions to physical



Dr. Corngold

Mr. Chernick

insight into neutronic problems, particularly through analytical investigations of: neutron moderation, resonance capture, thermalization, and the clarification of the results of pulsed experiments."

To be a "Fellow" is a token of professional esteem and recognition reserved for acknowledged attainment in science or engineering; by notable original research or invention; by technical leadership of substantial scope; or by outstanding leadership as a teacher. Dr. Corngold's citation reads, "for advances in the theory of neutron thermalization and resonance escape probability that are in the highest tradition of scientific scholarship."

Mr. Chernick was named co-winner of the American Nuclear Society Special Award for 1966. He is Associate Head for Theoretical Physics of the Reactor Physics Division of the Nuclear Engineering Department. The \$1000 prize is shared with Professor Mark Nelkin of Cornell University

In his citation, Mr. Chernick was honored "for contributions to important physics problems of reactors, including resonance capture, reactor kinetics, and the interpretation of integral experimental data; for his investigations of many novel reactor designs; and for his continuing leadership in the development of reactor

See ANS Meeting, page 2

Chemonuclear Reactors For Water Treatment Suggested by BNL Paper Delivered at ANS

Atomic energy already driving electrical generating plants, merchant ships and warships, auxiliary power units for satellites, and nuclear rocket engines – may also be put to work purifying drinking water and controlling pollution in streams and lakes.

In a paper presented at the ANS meeting, Morris Beller and Meyer Steinberg of the Nuclear Engineering Department proposed the use of ozone produced in a "chemonuclear reactor," – a nuclear reactor in which chemicals are produced by the action of radiation on a gas stream – for water treatment.

Ozone, a form of oxygen in which the molecules consist of three atoms, is a strong oxidizer and is widely used as a bleaching agent and as a disinfectant. The usual method of ozone production is to subject ordinary oxygen – the two-atom variety found in the atmosphere – to an electrical spark.

Ozone is in common use for water purification in France and Germany where it is preferred to chlorine. In addition to its greater effectiveness as a sterilant, it has the ability to remove unpleasant tastes and odors from water without leaving the distasteful chemical residues sometimes resulting from the use of chlorine.

In some areas of the United States, ozone is used for water treatment but present production methods are too costly to allow it to compete widely with chlorine. However, large scale ozone production in a nuclear reactor may prove to be economical.

Recent experiments indicate that ozone can be produced by passing air or oxygen through the radiation field in a nuclear reactor. The ozone is then bubbled through water to purify it.

New York City consumes approximately one billion gallons of water See Reactor, page 2 The Bulletin Board

June 23, 1966

Chernick, Corngold Given Awards During ANS Meeting in Denver

physics and physicists of the highest quality." His colleagues credit him with a "school" of highly qualified and carefully trained people.

First Marvin Fox Award To Irving Kaplan, MIT Engineer

Irving Kaplan was selected by ANS to receive the first Marvin Fox Award – a special medal named after the late Dr. Fox, who died in 1965.

Dr. Fox, who bore the major responsibility for the design, construction and startup of the Graphite Reactor, was Chairman of the Reactor Division from 1952 to 1957.

Dr. Kaplan, currently Professor of Nuclear Engineering at Massachusetts Institute of Technology, headed the Reactor Physics Division of the Nuclear Engineering Department here until 1957. At present he is a Departmental Consultant and was last year's Chairman of the Visiting Committee.

N.Y. Offers Land, Power, As 200-BeV Inducement

New York is prepared to spend some \$20 million to make the Lab attractive as the site for the 200-BeV accelerator.

In a letter to AEC Chairman Seaborg, Governor Rockefeller informed the AEC that the state had allocated \$3.7 million for land acquisition, and that \$17.6 million would be invested in a LILCO nuclear power plant which would provide low-cost electricity to run the machine. Both these expenditures are contingent on the Lab being chosen as the accelerator



IT'S A MOBILE HOME - The helium trailer alongside the HFBR has been commandeered by a pair of sparrows who feel that it's a fine place to bring up the children. The two *Passer Domesticus* in the nest seem quite at home.

Photo by Mort Rosen

In a citation accompanying the medal, Kaplan is credited ". . . as leader and organizer of reactor physics at Brookhaven National Laboratory, in which capacity he worked fruitfully with Marvin Fox and many others; as teacher; and, specifically, as Special Lecturer at the Twelfth Annual Meeting of the Society where his topic was 'Simple Models for the Analysis of Fast Reactors.'"

Ozone Reactor . . .

Continued from page 1

each day. To purify this much water by adding two parts of ozone per million parts of water would require 8.5 tons of ozone per day. A nuclear reactor providing 1.8 billion watts of thermal power could produce this amount of ozone. Since only a small fraction of the energy delivered to the gas stream entering the reactor is actually absorbed to produce ozone, sufficient energy would still be available to produce more than 200 million additional gallons of water by desalinization of sea water at a cost of thirty-three cents per 1000 gallons.

This cost, which includes the costs of ozone production, is competitive with the costs of providing this amount of water by conventional means. Reactor-produced ozone should be pure and non-radioactive, and should offer no biological hazard.

For water pollution abatement, large quantities of ozone are necessary. For example, the daily flow of the Hudson River is approximately 5 billion gallons per day. Assuming that an ozone concentration of 30 parts per million parts of water is required to adequately sterilize the water and to decompose undesirable wastes and effluents, 600 tons per day of ozone are needed. For production of this magnitude, a specialized, highly-efficient "fission fragment" reactor appears most economical. In this type reactor, the gas stream is passed through extremely thin fuel elements of an uranium alloy. As the uranium atoms "fission" or split, the highly-energetic fragments are ejected into the gas stream. The energy from these particles is directly imparted to the gas, and ozone is formed. Before the ozone could be used, the radioactive fission fragments would have to be removed.

Bridge Group Information

Hoping to interest some of the summer visitors, the Hospitality Committee's Women's Bridge Group will meet as usual every second and fourth Tuesday from 8 p.m. to 11:30 p.m. The next session will be at the Recreation Building in the Apartment Area on June 28. Everyone welcome.

Arrivals & Departures

Arrivals	
Schulze, Ursula M.R.	Nucl. Engr.
Osher, Stanley J	Applied Math.
Berger, Quinn A	Applied Math.
Sobesky, Joan P	Applied Math.
Yuhas, Ronald M	
Austin, Patricia A	Fiscal
Decelis, Salvator	Plant Maint.
Spallitta, Joseph C	Central Shops
Barthold, William C	Plant Maint.
Dunne, William E	Central Shops
Meehan, Bernard F	Security
Novak, Gerard J.	Accelerator
Pollard, Laurie T	Central Shops
Salerno, Robert N	Applied Math.
Vilot, Patricia	Applied Math.
Alvarez-Rivas, Jose L	Physics
Gellene, Rosemary A.	Medical
Cornish, George W., Jr.	Accelerator
Departures	
O'Shea, Michael F	Mech. Eng.
Moon, Harley W	
Megrue, George H	
Elms, Rebecca	
Hindermann, Lesley	
Salata, Beth P.	
Fichtner, Arthur H	
Amante, Alfred A	

Six Russians Here Today

Six Soviet Medical Tracer Specialists are scheduled to visit the Lab today. They will spend most of their time in the Medical Department where informal presentations and a tour are on the itinerary.

Cafeteria Menu

Week Ending July 1 Monday, June 27 .65 Roast Beef au jus Spanish Rice Apple Pancakes/Bacon .50 Tuesday, June 28 Roast Loin of Pork/Dressing .65 Salisbury Steak/Onions .65 Lamb Stew/Vegetables .65 Wednesday, June 29 Chicken Cacciatore/Rice .65 Roast Beef Hash .60 Fried Scallops/Tartar Sauce .65 Thursday, June 30 Roast Leg of Lamb/Gravy .65 Turkey Ala King/Biscuit. .65 Beef Burgundy/Noodles .65 Friday, July 1 Salmon Steak/Lemon .65 Franks & Beans .55 Baked Chicken/Gravy Macaroni Peppers & Tomato

More on the Trip to SUNY

The BNL staff wives who wish to go on the tour of Stony Brook Campus on June 29 should call Joan Hennerty, Ext. 493 immediately.

Those taking their own cars (please call also) should meet in front of the gymnasium at SUNY whence the tour bus or buses will leave. Don't forget to bring your own sandwich – coffee and dessert will be served by our hostess at Sunwood.

Cosmic Ray Particles To be Used to 'X-Ray' Early Egyptian Pyramid

As if it were a huge molar in an avant garde TV toothpaste commercial, a 4500 year-old Pyramid on the banks of the Nile is going to be "x-rayed" for cavities.

Using muons from cosmic rays and two spark chambers, United Arab Republic Egyptologists and a team of physicists and engineers from Lawrence Radiation Lab will try to determine the validity of an old theory—that the explored burial chambers of the Pharaohs are decoys and that the real crypts are hidden somewhere in the massive stone overhead.

The Chephren Pyramid to be "x-rayed" is one of the three Great Pyramids of Giza, near Cairo. A chamber at the base has been open for a thousand years but there is 470 feet of stone overhead which could contain the real burial chambers.

The immensity of the structures has prevented random exploratory digging into the stone – the base is about 755 feet on each side and covers just under 13 acres.

In the experiment, spark chambers will be placed in the known subterranean chamber beneath Chephren's Pyramid, and will record cosmic ray mesons reaching the detectors.

Muons which have passed through a cavity in the limestone – such as a hidden chamber – would be relatively more frequent and more energetic than those passing through solid rock. Thus, more of them would reach the spark chambers and the unseen space would show up in the detectors at a comparatively higher rate of incoming particles.

With two spark chambers about a foot apart from each other the scientists believe it will be possible to detect any hidden chamber and to pinpoint its location to within a few yards.

Dr. Van Slyke Awarded Degree by Rockefeller U.

Dr. Donald D. Van Slyke, the 83year-old Senior Scientist Emeritus, Medical Department, who will soon need a wheelbarrow for his academic honors, was awarded an honorary doctor of science degree, last week, by Rockefeller University.

Undeliverable Mail

The BNL Mail Room (Bldg 179, Ext. 565) is holding mail for the following individuals:

C.M. Abraham G. Jellic Herbert R. Lail Paul W. Savel

Unclaimed mail will be returned to the sender after one week.

Action-Packed Ladies' Softball Draws Astonished Male Fans

Wednesday-night games in the Lab's slow-pitch league were over and some of the guys wandered over to Field 4 to kibitz the Ladies' Softball game.

Smirks soon turned to openmouthed astonishment: a pitcher for one of the girls' provisional teams was sizzling it in with a delivery that would evoke cries of admiration in even the most jaded South Ozone

BERA Film Series

Thursday, June 30 at 8:30 p.m. Lecture Hall

Hallelujah The Hills

We'll let this film rest on it laurels. "The weirdest, wooziest, wackiest screen comedy . . . a slapstick poem, an intellectual 'Hellzapoppin,' a gloriously fresh experiment and experience in the cinema of the absurd . . . the first cubist comedy of the new world cinema."

"Imagine a combination of Huckleberry Finn, Pull My Daisy, The Marx Brothers and the complete works of Douglas Fairbanks, Mary Pickford, and D.W. Griffith,



and you've got it. What have you got? A film which is both deliriously funny and ravishingly lyrical . . . It is a hymn to the joys of youth and friendship."

—The Guardian (London) "The wildest and wittiest comedy of the holiday season. Plottess and pointless, seemingly without a care for structure or cinematic style, it is infuriatingly unconventional and wholly disarming."

—New York Times

Enough said?

Short: The Golden Fish

An engaging story plus beautiful photography and winning acting by the human and animal cast won this short an Academy Award.

-Peter Leiberman

Movie Tonight

June 23rd, 8:30 p.m. in the Lecture Hall, "Throne of Blood" and the short, "The Adventures of *."

Park schoolyard. One jersey-clad slow-baller looked awhile, turned to his buddy and said, "Challenge them? For laughs? I can't hit that stuff."

The second game of the four-game trial period that will determine whether a league is to be formed, brought out seven more girls than the first game.

If enthusiasm remains high, the proposed four-team Ladies' Softball League will start July 6 and continue through August.

Judging from the increasing numbers of onlookers that show up, Ladies Softball, with its unofficial uniform of tight jeans and baggy sweatshirts may turn into the summer's top spectator sport. A lissome, honey-haired catcher, confident that the league will get off the ground, said that her team's uniforms would be "distressed blue jeans with shocking pink sweatshirts."

The second game showed a snappier, more talented level of play than the first game did, as skills dormant since high school and college days were dragged in from limbo.

The final score, 11-8, reflected not only playing superiority but ingenuity; since there is a shortage of umpires, the players take turns calling balls and strikes from behind the plate. The girls have sent out an SOS for umpires.

There is still time; give Dee Skokna, Ext. 2357, a call and sign up.

Sam La Placa Takes Golf's Lustgarten Cup

The Lustgarten Cup Tournament turned out to be a huge success. Some goofs were made, but in general most of the entrants had a ball.

The winner of the Tournament was Sam La Placa. Len Galanter was second, Frank Walsh third and Bill Keating came in fourth.

The winner of the closest to the pin contest was Jerry Weiss and next closest went to Jim Petro.

Future nine hole festivities are being worked on, any suggestions are always welcome and should be sent to the writer at Bldg. 830.

Blind Bogey Golf Winners

After many hours of golf and drawing numbers out of a hat, the winning score was 75. Four fortunate golfers were lucky enough to play the right game to match their "guesstimate" of a handicap to end up with a net of 75. They were as follows: Vic Bond, Dick Britton, George Dio Guardo, and Larry Kukacka.

—J. Weiss

One ring to rule them all/ One ring to find them/ One ring to bring them all and in the darkness bind them.

Around the Base Pads . . . by Bob Carciello

Final First Half Standings

		•	_		
Brookhaven League Team Won Lost Pct					
Old Timers	6	2	.750		
Metallurgy	5	3	.625		
Blue Jays	5	3	.625		
Batmen	4	4	.500		
Medical	0	8	.000		

Scores last week: Blue Jays 3 - Batmen 2; Metallurgy 4 - Batmen 3; Old Timers 7 - Medical 1.

National League

Team	Won	Lost	Pct.
Phase Outs	7	1	.875
Dirty Sox	6	2	.750
Floorwalkers	3	5	.375
Phoubars	3	5	.375
Bubble Boys	1	7	.125

Scores last week: Phase Outs 6 - Bubble Boys 4; Dirty Sox 13 - Phoubars 0.

Laboratory League

Team	Won	Lost	Pct.
Deadwoods	7	1	.875
Make Ups	5	3	.625
Mets	4	4	.500
Potsareebies	3	5	.375
Mixups	1	7	.125

Scores last week: Deadwoods 13 - Make Ups 6; Make Ups 12 - Deadwoods 11; Deadwoods 22 - Mixups 3; Mets 12 - Potsareebies 11.

Tickets Available

Personnel Services
Recreation Office - 3 Center Street
Daily 9 a.m. - 1 p.m.

Reservation requests, with a 20 percent discount for most shows, are now being taken for the Westbury Music Fair. Among the shows available are "Oliver," "Gentlemen Prefer Blondes," "Camelot," and "Carousel."

Orders must be placed in person at least three days in advance and accompanied by a check made payable to Westbury Music Fair.

Gateway

Reservations, also at a 20 percent discount, are being taken for the Gateway Playhouse in Bellport. The next two scheduled shows are "Oklahoma," June 28-July 10, and "How To Succeed In Business Without Really Trying," July 12-July 31.

Orders must be accompanied by a check made payable to Gateway Playhouse.

Mineola Playhouse

Discount coupons are on hand for "The Boys From Syracuse."

Mets Tickets

Box seats are available for June 28, 30; July 1, 17, 29, 31; August 16, 17, 29, 30, 31.

Happiness is watching one of the people responsible for food service and vending machines on site get stiffed by one of his own coin-ops which failed to deliver and kept the money.

Letters To The Editor

To the Editor:

While returning home after completing the 4 to 12 shift on June 10, I got stuck when my pickup truck boiled over on Longwood Road. One gentleman stopped and found the trouble (leaking radiator drain plug) while another stopped, and returned to the Lab to bring back water. Also, a young lady stopped to ask if she could call anyone for me. All were Lab employees and I want to thank them very much. It's comforting to know that our fellow employees will help out in time of need, especially when shift work necessitates traveling at all hours. Again, thank you all very much.

Daniel Gilliam

Attention Judokas

During the summer months Judo practice will be held at the Dojo on Tuesdays only. (Gymnasium 5:15 p.m.) Summer students are welcome. For information call K. Gedicks, Ext. 2845.

Argonne's Tandem V de G To be Boosted to 3 MeV

Argonne National Laboratory's Tandem Van De Graaff accelerator will receive a million-dollar modification to increase its energy by at least three million electron volts.

As modified, the instrument will be capable of accelerating protons to at least 15 million electron volts.

Classified Advertisements

Boats, Marine Supplies

26' SKIFF - All mahog hull. Sleeps 5. \$1900. R. De Matteo, Ext. 2994 or 878-1975.

26' CABIN CRUISER - Sleeps 2, WC, fighting chair, good cond. \$700. Wick, Ext. 2411 or 581-5576.

24' DUET CLASS SLOOP - Sleeps 4 inside, 25 hp inboard, 8 sails, all gear for cruising. Barton, AT9-

16' ELTRO - 40 hp, electric starter, remote controls, two 5 gcil tanks, many extras, like new. Como, Ext. 7259 after 7.

OUTBOARD MOTOR - 4.2 hp Champion. Asking \$40. Ext. 597.

20' OUT3OARD CABIN CRUISER - Two 25 hp elec, 6/12 V, canvas, head, depth finder. \$900. Ext. 597 or AT6-0436.

AUXILIARY SLOOP - 4 yrs old, double ender, centerboard, cliesel, 6 berths, 29, 9½, 2½. Danzig, Exts. 7662, 7683 or 289-0165.

21' OWENS CABIN CRUISER - Good cond, galley, head, sleeps 3, 66 hp inboard, navy top, ready. \$1000. AN1-7681.

20' TROJAN "SEABREEZE" - 35 hp Johnson elec, stand-up head, 2 bunks, galley, elec bilge pump, equipmert. \$975. Noehren, AT6-9659.

14' THOMPSON RUNABOUT - Upholstery, full cover, must be seen. \$300 firm. Tut, PA7-3106.

 23^\prime CHRIS CRAFT CABIN CRUISER - 95 hp, navy top, sleeps 2, sink, ice box. AT6-1258 after 6.

20' CHRISTI - Sea skiff, inboard, s/s radio, head, new top, in water, no reasonable offer refused. 281-7665.

22' TROJAN - Inboard, sleeps 2, stand-up head, sink, ice box, vinyl top/sides, compass. \$1600. Walt, Ext. 2457 or AT6-0246.

20' SKIFF - Shelter cabin, new navy top, 2 bunks, 50 hp Evinrude elec, fully equipped, in water. \$850.

19' LIGH"NING SLOOP - Good cond, dacron sails, extras, fine family boat, ready for water. Ext. 2707. 14' SAIL BOAT - 2 masts, plywood, fully equipped.

Miscellaneous

\$100 firm. B. Distel, Ext. 7357.

MISCELLANEOUS - Elec hot water heater, kerosene floor furnace, kitchen sink w/metal base cabinets, GE air purifier. Best offer. 878-1979.

CAR TOF BOX - W/fishing rod holders, 4'x4'x1', water proof. \$25. Tom, Ext. 566.

SPRINGFIELD RIFLE - 03A3, all milled parts, Redfield rear sight. \$50. F. Rumph, Ext. 2221.

26" COLUMBIA BICYCLE - Boy's, hardly used. \$25. Ext. 2170 or HR3-2889 after 5.

FURNITURE - Outdoor or den, wrought iron frames, settee, 2 chairs, 3 tables, excel cond. \$80. Ext. 360. SLIDE PROJECTOR - Realist 400. \$15. D. Ophir, Ext.

MISCELLANEOUS - Royal portable typewriter, \$50; Tux (38), two dress shirts (15,32), \$20; women's rink skates, make offer. Dave, 878-2492.

REFRIGERATOR FREEZER - Frigidaire, bottom freezer. \$50. M. Dohrman, Ext. 2169.

POOL - 10'x30", used 1½ seasons, filter & skimmer, no hose, used one mo. \$25. Joe, Ext. 2511 or 929-4472.

GERMAN SHEPHERD PUPS - Beautiful litter, champion stock, AKC, shots, wormed. EM3-7038 after 6. TAPE RECORDER - Grundig TK9 reporter, 1 spd 3¾" per sec, needs work. \$25. Joe, Ext. 2816 or 744-9462.

MISCELLANEOUS - Weights, bar bell, dumbells, \$8; small blond HiFi console, \$25; 25 watt Williamson Amp, \$15. J. Guthy, Ext. 7189.

TELEPHOTO LENS - 135mm 1:3.5 with sunshield, pentax adapter, leather case. \$25. S.H. Cohn, Ext. 2891.

PISTOL - Crossman cal .177 CO2, combination metal case/backstop. \$10. Ext. 353.

BICYCLE - 26", 5 spd racer, good cond. \$22. Ext. 597.

WINCHESTER - Model-70, 30.06, excel cond. \$100. D. McCutcheon, Ext. 7677.

BELL & HOWELL MOVIE CAMERA - 8 mm, elec eye, 3-lens turret, \$65; 4-bulb light bar, \$10; Kalart splicer, \$15, Pat, Ext. 7691.

LAWN EDGER & TRIMMER - Black & Decker, ½ hp elec, new \$39.99. Asking \$18. Ext. 395.

MISCELLANEOUS - 2 end tables, walnut, leather tops, \$10 ea; 2 lamps, 27"; \$5 ea. Roe, 286-2280.

RANGE - Tappan-30, gas, eye level auto oven, stainless steel removable counter, matching base cabinet. \$135, 281-6627.

"ALL ABOUT" BOOKS - 11 vol, Random House, ideal for junior's education. Walt, Ext. 2439.

CLARINET - Excel cond. \$75. Mrs. Zukowski, Ext.

LAWNMOWER - 18" self-propelled reel Craftsman walk & start, 2.5 hp, good cond. \$40. Tom, Ext. 2845. REFRIGERATOR - Coldspot, 17 cu ft, 165 lb freezer, 2 dr, frost free, 2 yrs old, copper, \$640 new. \$300.

MISCELLANEOUS - GE washer, 10 lb capacity, \$300 new, \$85; Norge gas dryer, 12 lb capacity, \$85; professional floor waxing machine, \$40. Hilger, Ext. 578.

Zoller, Ext. 2428.

GERMAN SHEPHERD PUPS - Papers, 10 wks, shots, black/silver, second generation champion stock. \$125/male, \$100/female. Zoller, Ext. 2428.

MOVIE EDITING EQUIPMENT - Craig Master splicer, rewinds, mounted on board w/homemade single frame viewer. \$12. R. Parsick, Ext. 7410.

Classified Ad Policy:

The use of the classified section of The Bulletin Board is a privilege accorded to individuals employed at the Laboratory, to retired employees, and, in some cases, to the families of recently deceased employees. The following rules apply to all three classes of users (hereafter referred to as employees).

- 1. All items for sale or rent must be the property of an employee.
- 2. No vant ads will be accepted for property associated with a full or part-time business. This includes merchandise, automobiles, real estate, etc., acquired for purposes of resale.
- 3. Ads must be typed or printed on the form provided in 20 words or less, and must be received by 12:00 noon on Friday for inclusion in the next week's newspaper. Only ads submitted on this form will be accepted. Additional copies of the form are available in The Bulletin Board office. If there is no Lab Extension where the person may be reached, a home phone may be substituted. Ads which do not conform to the above standards will be discarded.
- 4. Ads are run on a space-available, first-comefirst-served basis; ads not carried because of space reasons will be held for inclusion in the next issue.
- 5. Ads are run only once; if you wish to repeat an ad it must be resubmitted.

Signature

	For Sale:		Carpools For Rent	Check ⊠ the heading (1 only) applying to your ad
	For Sale: For Sale:	Miscellaneous	Wanted Lost Found	Print or type your listing in the space below in 20 words or less.
			 (Name	& Phone No. To Call)
You	r Name:	(Print)	 	Lab Phone Ext:

MISCELLANEOUS - Hoover vacuum, kitchen stool, fan, wastepaper basket, 3 lamps, 5 throw rugs, silverware, Lands and People book. Bunt, 567-1299.

PONIES - 2, very gentle, saddle. YA4-6337.

BEDS - 1 double, 2 twin. Tion, Ext. 7284 or 537.

CARRIAGES - 1 silver/white coach, 1 blue carriage/car bed, detachable wheels. Best offer. Gardner, HR2-1029.

GERMAN SHEPHERD PUP - AKC, champion sired, female, black/tan, shots. Asking \$75. HR3-3689.

MISCELLANEOUS - Snow tires, mounted, bought 11/65, 650x15, cost \$43, \$20; baby wardrobe, white, A-1 cond. Ext. 7143 or 281-8390.

KITCHEN SET - Table & 4 chairs, wrought iron, extension, good cond. \$15. Ext. 563.

SHEPHERD PUPS - AKC, wormed, inoculated, blue-blood, 8 wks old, reasonably priced. Ext. 2805 or SE2-4583 after 6.

DANISH MODERN FURNITURE - Sofa bed, 2 chairs, 3 tables, ideal for den or apt. HR3-8359 after 6.

BICYCLE - Girl's 24", good cond. \$16. M. Marcus, Ext. 7230.

DRILL PRESS - W/attachments, Delta Mfg. Co, Rockwell model, inspect and make offer. Don, 727-5619.

 $\mathsf{TRACTOR}$ - Super A Farmall, good cond. M. Reynolds, GR5-4988.

OUTDOOR GRILL - Bar-B-Q, kettle type. \$35 new, good cond, will sell for \$10. HR3-2523.

PERCOLATOR - 8 cup Sunbeam electric percolator. Seldom used, excel cond. \$15. HR3-2523.

21" TELEVISION - RCA, floor model, light wood, used very little. M. Reynolds, GR5-4988.

ALTO SAXOPHONE - Excel cond, 1 yr old, orig \$275. Best offer. Jerry, 475-5196 before 4, Ext. 2390 after 4. SCREENS - Wood, two 30"x55", two 24"x55", 11% wood screen doors, two 36"x88", one 36"x81". Ext.

Houses

2983 or AT6-9158.

BROOKHAVEN HAMLET - Ranch nestled in beautifully landscaped ½ acre, 3 bedrms, 1½ baths, family rm. \$22,000. Schairer, AT6-1024.

BELLPORT VILLAGE - Golf/swim summers, enjoy fireplace winters, 3 bedrm ranch, playrm, low-interest mortgage. Ext. 665 or AT6-1023.

PORT JEFFERSON - Must sell, 2 story, 3-4 bedrms, large living & dining rm, fireplace, low taxes. HR3-1523.

NORTH PATCHOGUE - 4 bedrm Cape, living, dining & rec rm, extras, city gas/water, landscaped. GR5-4394

SHIRLEY - 4 bedrms, 75'x125', full basement, s/s, h/w heat, landscaped, empty, newly decorated inside & out. \$13.000. PA7-2599

BAYPORT - 3 bedrm, Cape, oil h/w heat, appliances, s/s, full basement, good area. \$14,500. Becker, Ext. 383 or HR2-0832.

PATCHOGUE - 3 bedrm ranch, 1½ baths, a housewife's dream, call and let us tell you about it. AT9-

PORT JEFFERSON STATION - 3 bedrm, 90'x100', landscaped corner, all appliances, bargain priced. Zuroff. Ext. 7349 or HR3-7992

Zuroff, Ext. 7349 or HR3-7292. BAYPORT - 4 bedrm rambler, den-rec rm, Ig living rm, fireplace, 2 baths, dining rm, garage, basement,

% acre, near bay. HR2-0192.

LAND - East Hampton, The Springs section, over 2

acres. Marie, Ext. 2481.

RANCH - 3 bedrm, 1½ garage, aluminum siding, 1

acre, assume GI 5½% mtg. \$12,500. 281-6632 after 6. PATCHOGUE - 2 story, 3 bedrms, 1½ baths, dining rm, 80′x187′, oil h/w, 2 car garage. Rabinowitz, Ext. 2726 or AT9-2326.

TRAILER HOME - 1960, 50'x10', excel cond, 2 bedrms, kitchen, living rm, oil heat. AT9-0363.

PORT JEFFERSON STATION - 2 bedrms, near shopping center, finished basement, oil h/w, priced for quick sale. Hall, Ext. 7629 or HR3-1651.

For Rent

HOUSE - Medford, 3 bedrm, stove, refrig, unfurnished, h/w heat, new, quiet, private. R. Wessel, GR5-5349. APARTMENT - 3 rms, furnished, h/w elec heat, 10 min from Lab. Anzoli, 281-6067.

HOUSE - Bellport, furnished, landscaped, near bay, 4 bedrms, playrm, basement, avail Aug for 1 yr. Ext. 2861 or AT6-0379.

HOUSE - Port Jefferson, furnished, 3 bedrms, appliances, TV, playrm, beach, Sept 66-Sept 67. Ext. 2449 or HR3-2281.

HOUSE - Bellport Village, 3 bedrm ranch, playrm, fireplace, close to schools & shopping, furnished. Ext. 665 or AT6-1023.

Wanted

SAWS TO SHARPEN - Ken, Ext. 7668.

PARTS - For a 1948 2½ hp Evinrude motor. Nancy, JU5-4029.

HOME - For 4 kittens, box trained, black/white & grey/white. Prodell, Ext. 2336 or 929-4860.

USED CUB/SCOUT UNIFORMS - And equipment for boys who can't afford them. A. Meves, Ext. 2489 or LT9-0317.

HOUSE - 3 bedrm, dining rm, fireplace, family rm, Miller Place, Wading River or Bayport to Brook-

haven. To \$19,000. Ext. 2428. SURF POLE - 8' to 11', light, under \$10. H. Foxwell, Ext. 382 or YA4-5226.

BABY SITTING ASSIGNMENTS - During summer by responsible teenager. Weekdays or weekends, days and/or evenings. WA9-4291.

PROPANE LAMP - Sherman, Ext. 2341.

BABY CARRIAGE - Crib, car bed, etc. T. McMahon, Fxt. 7276

HOME FOR 2 KITTENS - Gray female, tiger-striped male, box trained, good with children. Lois, Ext. 2000 at 751 0003

HOUSE TO RENT OR LEASE - 3 bedrm, Ridge, Middle Island or Yaphank district. Will pay \$100 plus

utilities. YA4-5226.
DINING ROOM HUTCH - Old, used, maple. AT1-9543 after 6.

BABY SITTER - For occasional sitting on site, one 5 yr old. Borg, Ext. 7361.

BICYCLE - Boy's 20", serviceable to good cond. Purves, Ext. 2962.

SAILS - Sails, sails for "CC". P. Ulzheimer, Ext. 7373.

HOME - For 3 kittens, 8 wks old, red, pantrained. Gianopoulos, Ext. 7637. BABYSITTING - Mother wishes to watch children 5

mi from Lab, days preferred. J. Ostrom, 281-7665.

RIDER - To Dayton, Ohio or points along way, leaving picks of lune 20 contrains for week like (

ing night of June 30, returning for work July 6. Humberd, Ext. 439. SUMMER EMPLOYMENT - Center Moriches area or

on site, 18 yr old girl, full or part time. May, Ext. 2449 or 878-2106.

CHILDCARE - Reliable housewife wants to care for

children of working mothers in her Yaphank home. YA4-3290.

ANTIQUE, OLD GUNS - Misc military equipment, will buy/trade, others for sale. C. Hamill, Ext. 7400

BICYCLES - 2 girls 20", good cond, would prefer them w/training wheels. W. Lundgren, Ext. 2407 or

HOME - For beautiful tri-color spayed cat, two weeks cat food incl. AT6-9032.

USED BOOKS - Hardcover, paperback for Planned Parenthood Center book sale. Deposit in Physics, rm 1-167, until July 8. For info call SH4-2256.

COLLEGE STUDENT/H.S. SENIOR - Summer job through Sept 5, caring for 2 small children, South Patchogue. Driver's license essential. GR5-6889 after 6.

Carpools

DRIVER - From Commack, to form two man carpool. Witkover, Ext. 7384.

DRIVER - Wants to find carpool from Babylon village area. V. Abbruscato, Ext. 2428 or JU7-3373.

DRIVER - Wants to join carpool from Jericho area.

J. Sussman, Ext. 7228.

DRIVER - For existing 4 man carpool from East Islip area. T. Scheuerer Ext. 657

area. T. Scheuerer, Ext. 657.

DRIVER - To join or start a carpool from Merrick

area. Joel, 623-3977.

JOIN - Carpool from Mastic Beach business dist

area, summer. Dan, Ext. 613 or 281-3383 after 6.

DRIVERS - Needed in carpool from Northport,
Greenlawn, East Northport area. Bob, Ext. 2128 or

JOIN OR ORGANIZE - Carpool from Hempstead area, summer student. P. Nilson, Ext. 384.

Lost and Found

FOUND - Front section of gold "Miraculous Medal" charm. Kathy, Ext. 2980.

LOST - Parker ink pen, dark red barrel, name engraved on cap. P. Esser, Ext. 7674.

send to: BULLETIN BOARD, 40 Brookhaven Avenue

Lab Adclress: (Print)